Illinois Environmental Protection Agency Division of Air Pollution Control
MC 40, P.O. Box 19276
Springfield IL 62794-9276

**APPLICATION FOR CLEAN AIR SET-ASIDE: CLEAN COAL GENERATION PROJECT**

| ***APPLICATION TYPE*** | ***FOR AGENCY USE ONLY*** |
|---|---|
| ☐ Initial Application<br>☐ Renewal Application | Date Received: |
| ***APPLYING FOR [1]*** | |
| ☐ Annual allowances<br>☐ Seasonal allowances | CASA ID: |

## *SECTION 1: PROJECT SPONSOR IDENTIFICATION*

| | | |
|---|---|---|
| 1) Project Sponsor: | | |
| 2) Principals Or Corporate Officials: | | |
| 3) Date Form Prepared: | 4) Type Of Organization: ☐ Public ☐ Private ☐ Individual ☐ Other:_____ | |
| 5) CAIR NOx Annual Account Number: | 6) CAIR NOx Seasonal Account Number: | |
| 7) Authorized Account or Designated Representative: | 8) Alternate Authorized Account or Designated Representative: | |
| 9) Phone: | 10) Email: | |
| ***Physical Location Of Project [2]*** | | |
| 11) Address: | 12) County: | |
| 13) City: | 14) State: | 15) Zip Code: |

### *SIGNATURE BLOCK*

16) "Project Sponsor" means a person or an entity, including but not limited to the owner or operator of an EGU or a not-for-profit group that provides the majority of funding for a CASA eligible project, unless another person or entity is designated by a written agreement as the project sponsor for the purposes of applying for NOx allowances from the CASA pursuant to 35 IAC 225.130.

I certify that the person or entity named in box 1 above meets the above definition of "project sponsor":
☐ YES ☐ NO

17) "I am authorized to make this submission on behalf of the project sponsor and the holder of the CAIR NOx general account or compliance account for which the submission is made. I certify under penalty of law that I have personally examined, and am familiar with, the statements and information submitted in this application and all its attachments. Based on my inquiry of those individuals with primary responsibility for obtaining the information, I certify that the statements and information are to the best of my knowledge and belief true, accurate, and complete. I am aware that there are significant penalties for submitting false statements and information or omitting required statements and information."

BY:

_____ AUTHORIZED SIGNATURE

_____ TITLE OF SIGNATORY

_____ TYPED OR PRINTED NAME OF SIGNATORY

_____ DATE

1. Complete a separate application for the request of annual or seasonal allowances.
2. The address where all correspondence shall be mailed.
3. Rounding is completed at the final calculation; for intermediate calculations record to the nearest ten thousandth (i.e., 4 places).

| ***SECTION 2:*** | ***PROJECT INFORMATION*** | |
|---|---|---|
| 1) Source Name: | | |
| 2) Address: | | |
| 3) City: | 4) State: | 5) Zip Code: |
| 6) If this is a renewal application, have there been changes to the operation from the previous submittal? ☐ Yes ☐ No ☐ N/A **Note:** If this is a renewal application and there have been no changes to the operation from the previous submittal, only those items changing from year to year require updating. | | |
| 7) Was the project installed pursuant to a result of a court order, consent decree, or Supplemental Environmental Project (SEP)? ☐ Yes ☐ No | | |
| 8) Does this application aggregate more than one project? ☐ Yes ☐ No<br>If "Yes", complete the CASA Aggregation Address Form to detail the locations of the other sources. | | |
| 9) Total number of allowances applied for: Annual: or Seasonal: | | |
| 10) Does the clean coal power generation unit include energy from incineration by burning or heating of waste wood, tires, garbage, general household, institutional lunchroom or office waste, landscape waste, or construction or demolition debris? ☐ Yes ☐ No | | |
| 11a) Generation Unit Type: ☐ Integrated Gasification Combined Cycle ☐ Fluidized Bed Coal Combustion<br>Specify if Other: _____ _____<br>11b) Date Commenced Operation:_____ | | |
| 12) A description of the generation unit(s), attach additional sheets as necessary: | | |
| 13) An explanation of how the electricity was generated, measured, verified, and calculated, with supporting documentation as necessary, attach additional sheets as necessary: | | |

## FUEL TYPE and FIRING RATE

### GASEOUS FUEL FIRING or N/A ☐

| | | | |
|---|---|---|---|
| 14a) Gaseous Fuel Type (check all that apply): | ☐ Natural Gas | ☐ Propane | ☐ Methane |
| ☐ Other Non-Biofuel, Specify (Include Supplier): | | | |
| ☐ Other Biofuel, Specify (Include Supplier): | | | |
| b) Typical Heat Content (Btu/scf): | c) Actual Consumption (mmSCF/Year): | | |

### LIQUID FUEL FIRING or N/A ☐

| | | | | |
|---|---|---|---|---|
| 15a) Liquid Fuel Type (check all that apply): | ☐ Distillate Oil Specify No.: | ☐ Ethanol Specify Blend: | ☐ Biodiesel Specify Blend: | ☐ Gasoline |
| ☐ Other Non-Biofuel, Specify (Include Supplier): | | | | |
| ☐ Other Biofuel, Specify (Include Supplier): | | | | |
| b) Typical Heat Content (Btu/Gal): | c) Actual Consumption (Gal/Year): | | | |

### SOLID FUEL FIRING or N/A ☐

| | | |
|---|---|---|
| 16a) Solid Fuel Type (check all that apply): | ☐ Coal (Sub-Bituminous, Bituminous, Lignite, Anthracite) | ☐ Wood |
| ☐ Other Non-Biofuel, Specify (Include Supplier): | | |
| ☐ Other Biofuel, Specify (Include Supplier): | | |
| b) Typical Heat Content (Btu/lb): | c) Actual Consumption (Ton/Year): | |

### FUEL FIRING RATE INFORMATION

| | | | | |
|---|---|---|---|---|
| 17a) Description (check all that apply): | ☐ Internal Combustion Engine | ☐ Simple Cycle Turbine | ☐ Combined Cycle Turbine | ☐ Boiler |
| | ☐ Specify if Other: | | | |
| b) Rated Or Design Heat Input Capacity (Million Btu/Hr): | | | | |
| c) Rated Or Design Power Output Capacity (MWh): | | | | |

| d) Complete the Following Table | | Heat Rate Contribution | | |
|---|---|---|---|---|
| | | Heat Content (HHV) | Consumption | Total mmBtu |
| Gaseous Fuel | 1) | | | |
| | 2) | | | |
| Liquid Fuel | 1) | | | |
| | 2) | | | |
| Solid Fuel | 1) | | | |
| | 2) | | | |
| | | | e) Total Heat Input: | |

| ***SECTION 3:*** | ***ALLOWANCE CALCULATIONS*** |
|---|---|

| Generating Unit One | | |
|---|---|---|
| 1) $MWh_g$ = Megawatt-hours generated: | _____ | (MWh) |
| 2) ER = Annual Average NOx Emission Rate based from CEM data: | _____ | (lbs. / MWh) |
| 3a) If the clean coal technology project is a Fluidized Bed Coal Combustion project which commenced operation before December 31, 2006: | | |
| Allowances = (MWhg) x (1.4 lb/MWh – ER lb/MWh) / 2000 lb = | _____ | Allowances |
| Line 1 | Line 2 | |
| 3b) If the clean coal technology project is an Integrated Gasification Combined Cycle (IGCC) project or other approved clean coal technology project: | | |
| Allowances = (MWhg) x (1.0 lb/MWh – ER lb/MWh) / 2000 lb = | _____ | Allowances |
| Line 1 | Line 2 | |

| Generating Unit Two or N/A ☐ | | |
|---|---|---|
| 4) $MWh_g$ = Megawatt-hours generated: | _____ | (MWh) |
| 5) ER = Annual Average NOx Emission Rate based from CEM data: | _____ | (lbs. / MWh) |
| 6a) If the clean coal technology project is a Fluidized Bed Coal Combustion project which commenced operation before December 31, 2006: | | |
| Allowances = (MWhg) x (1.4 lb/MWh – ER lb/MWh) / 2000 lb = | _____ | Allowances |
| Line 4 | Line 5 | |
| 6b) If the clean coal technology project is an Integrated Gasification Combined Cycle (IGCC) project or other approved clean coal technology project: | | |
| Allowances = (MWhg) x (1.0 lb/MWh – ER lb/MWh) / 2000 lb = | _____ | Allowances |
| Line 4 | Line 5 | |

| Generating Unit Three or N/A ☐ | | |
|---|---|---|
| 7) $MWh_g$ = Megawatt-hours generated: | _____ | (MWh) |
| 8) ER = Annual Average NOx Emission Rate based from CEM data: | _____ | (lbs. / MWh) |
| 9a) If the clean coal technology project is a Fluidized Bed Coal Combustion project which commenced operation before December 31, 2006: | | |
| Allowances = (MWhg) x (1.4 lb/MWh – ER lb/MWh) / 2000 lb = | _____ | Allowances |
| Line 7 | Line 8 | |
| 9b) If the clean coal technology project is an Integrated Gasification Combined Cycle (IGCC) project or other approved clean coal technology project: | | |
| Allowances = (MWhg) x (1.0 lb/MWh – ER lb/MWh) / 2000 lb = | _____ | Allowances |
| Line 7 | Line 8 | |